

## **ABSTRACT**

A multi-layer connector includes a plastic housing, terminals and a metal housing. The plastic housing is consisted of a plastic body and a terminal support, wherein the plastic body is provided with five integrated  
5 analog signal connecting openings at a front side thereof. To assemble the structure, the terminal main bodies are inserted into the terminal support, and the terminal front ends are placed into the sliding channels of the plastic body and are positioned by positioning pins at a lower portion of the plastic body and the terminal support. The aforesaid  
10 assembled structure is then covered by the metal housing, thereby offering a facilitated assembly as well as economized part and manufacturing costs.